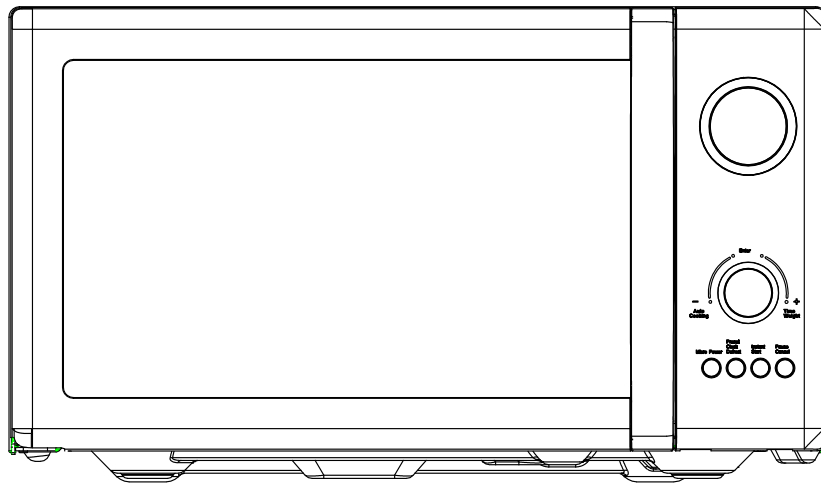




MICROWAVE OVEN

INSTRUCTION MANUAL



Model: IMO-25L20

Please read this booklet carefully before fixing and using, and keep it for future reference

www.ices-electronics.com

Installation

- 1.** Take out all the packing. If there is a safe film over the oven, tear it off before use. Check carefully for damage. If any, immediately notify dealer or send to the manufacturer's service center.
- 2.** Microwave ovens must be placed under dry and non-corrosiveness environments, kept away from heat and humidity, such as gas burner or water tank.
- 3.** To ensure sufficient ventilation, the distance of the back of microwave to the wall should be at least 10 cm, the side to the wall should be at least 5 cm, the free distance above the top surface at least 20 cm. the distance of the microwave to the ground should be at least 85 cm.
- 4.** The position of the oven shall be such that it is far from the TV, Radio or antenna as picture disturbance .Or noise may occur.
- 5.** The appliance must be positioned so that the plug is accessible, and must ensure a good grounding in case leakage, ground loop can be formed to avoid electric shock.
- 6.** The microwave oven must be operated with the door closed.
- 7.** The microwave oven must not be placed in a cabinet. The microwave oven is intended to be used freestanding.
- 8.** The back of the oven must be placed against a wall
- 9.** As there is manufacturing residue or oil remained on the oven cavity or heat element, it usually would smell the odor, even a slight smoke, It is normal case and would not occur after several times use, keep the door or window open to ensure good ventilation. So it is strongly recommended to place a cup of water in the turntable, setting at high power and operate for several times.

Important safeguards

The following basic precautions should always be followed when using electrical appliance:

- 1.** Read all instructions before using.
- 2.** Make sure the voltage in your living area corresponding to the one shown on the rating label of the appliance. And the wall socket is properly grounded.
- 3.** To reduce the risk of fire in the oven cavity:
 - a.** Do not overcook the food.
 - b.** Remove wire twist -ties from paper or plastic bags before placing bags in the oven.
 - c.** Do not heat oil or fat for deep drying as the temperature of oil cannot be controlled.
 - d.** After use wipe the waveguide cover with a damp cloth, followed by dry cloth to remove any food splashes and grease. Built -up grease may overheat and begin to cause smoke or catch fire.
 - e.** If materials inside the oven should smoke or ignite, keep oven door closed, turn oven off and disconnect the power supply.
 - f.** When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
- 4.** To reduce the risk of explosion and sudden boiling:
 - a.** **WARNING:** Liquids and other foods must not be heated in sealed container since they are liable to explode; Baby bottles fitted with a screw cap or teat are considered to be sealed containers.
 - b.** Use the wide -mouthed container to cook liquid, and the cooked liquid should not be removed out immediately. Several moments should be waited before removing. In order to avoid possible hazards caused by delayed eruptive boiling of liquids.
 - c.** Potatoes, sausage and chestnut should be peeled or pierced before cooking. Eggs in their shell, whole hard -boiled eggs should not be heated in microwave ovens since they may explode, even

after microwave heating has ended.

d. The contents of feeding bottles and baby food jars are to be stirred or shaken and the temperature is to be checked before consumption, in order to avoid burns.

5. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a qualified technician in order to avoid a shock hazard.

6. After cooking, the container is very hot. Using gloves to take out the food and avoid steam burns by directing steam away from the face and hands.

7. Slowly lift the furthest edge of dishes cover and microwave plastic wrap and carefully open popcorn and oven cooking bags away from the face.

8. To prevent the turntable from breaking:

a. Let the turntable cool down before cleaning.

b. Do not place hot foods or utensils on the cold turntable.

c. Do not place frozen foods or utensils on the hot turntable.

9. Make sure the utensils do not touch the interior walls during cooking.

10. Only use utensils that are suitable for use in microwave ovens.

11. Do not store food or any other things inside the oven.

12. Do not operate the oven without any liquid or food inside the oven. This would do damage the oven.

13. When the appliance is operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.

14. Any accessories not recommended by the manufacturer may cause injuries to persons.

15. Do not use outdoors.

16. Save these instructions.

17. WARNING: If the door or door seals are damaged or the oven is malfunctioned, the oven must not be operated until it has been repaired by a competent person;

18. WARNING: It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy;

19. If smoke is emitted, switch off or unplug the appliance and keep the door closed in order to stifle any flames;

20. Microwave heating of beverages can result in delayed eruptive boiling; therefore care must be taken when handling the container;

21. Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.

22. The appliances are not intended to be operated by means of an external timer or separate remote -control system.

23. This appliance is intended to be used in household and similar applications, such as:

- Staff kitchen areas in shops, offices and other working environments;
- Farm houses;
- By clients in hotels, motels and other residential environments;
- Bed and breakfast type environments.

24. The microwave oven is intended for heating food and beverages. Drying of food or clothing and heating of warming pads, slippers, sponges, damp cloth and similar may lead to risk of injury, ignition or fire.

25. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised.

Keep the appliance and its cord out of reach of children less than 8 years.

26. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

27. Children should be supervised to ensure that they do not play with the appliance.

28. A steam cleaner is not to be used.

29. The door or the outer surface may get hot when the appliance is operating.

30. WARNING: Accessible parts may become hot during use. Young children should be kept away.

31. During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.

32. The surfaces are liable to get hot during use.



: CAUTION: HOT SURFACE

Household use only

Cleaning

Microwave oven care

CAUTION

The oven should be cleaned regularly and any food deposits removed.

WARNING

1. Remove the power cord from the wall outlet before cleaning. Don't immerse the appliance in water or other fluids when cleaning.

2. Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of

the appliance and possibly result in a hazardous situation

3. Never use hard detergent, gasoline, abrasive powder or metal brush to clean any part of the appliance

4. Do not remove the waveguide cover

5. When the microwave oven has been used for a long time, there may be some strange odors exist in oven, Following 3 methods can get rid of them:

a. Place several lemon slices in a cup, then heat with high Micro Power for 2-3 min.

b. Place a cup of red tea in oven, then heat with high micro power.

c. Put some orange peel into oven, and then heat them with high Micro Power for 1 minute.

6. WARNING: Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use;

Tips for cleaning

Details for cleaning door seals, cavity and adjacent parts:

Exterior:

Wipe the enclosure with a dampened soft cloth

Door:

Using a dampened soft cloth, wipe clean the door and window

Wipe the door seals and adjacent parts to remove any spill or spatter

Wipe the control panel with a slightly dampened soft cloth

Interior walls:

Wipe clean the cavity with a dampened soft cloth

Wipe clean the waveguide cover to remove any food splashed

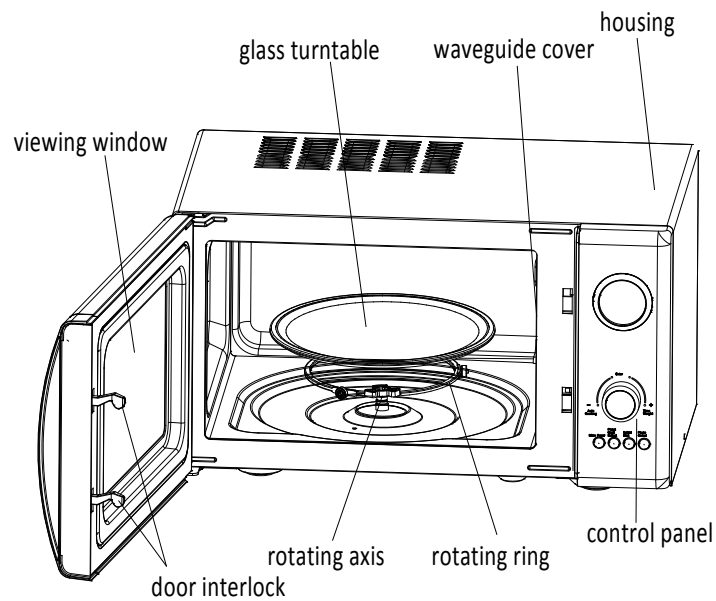
Turntable / Rotation ring / Rotation axis:

Wash with mild soap water

Rinse with clean water and allow drying thoroughly

Product instruction

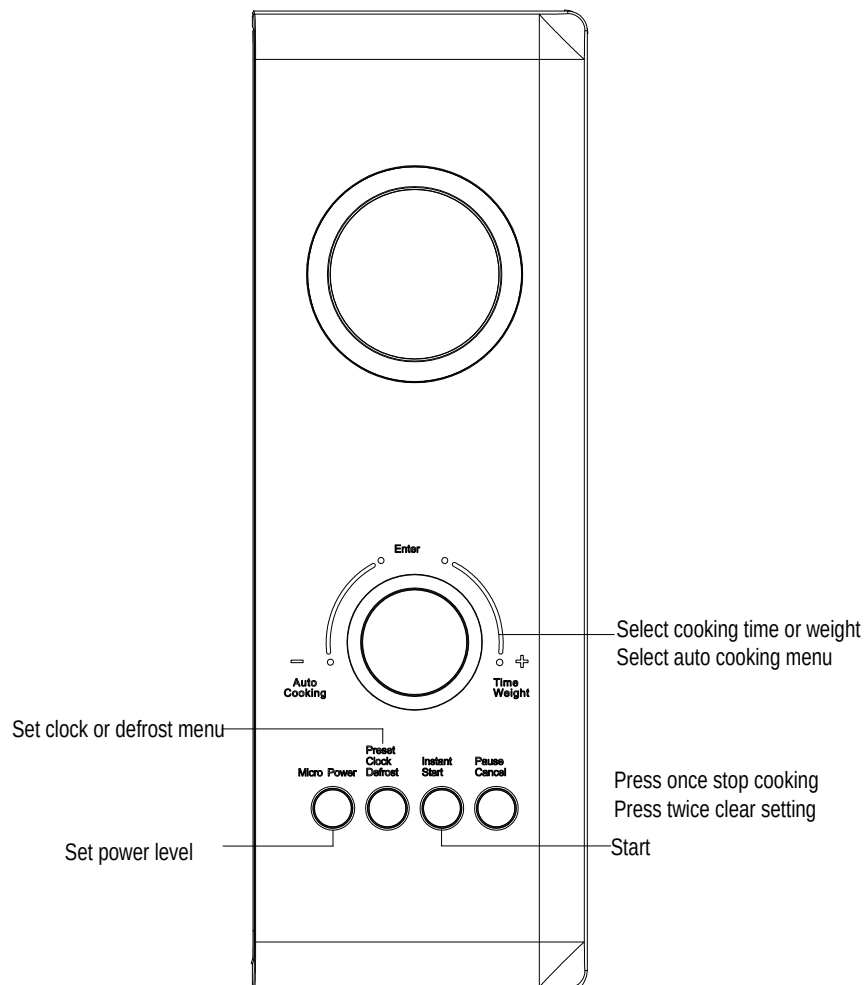
Structure diagram



WARNING

- a. Do not remove the Waveguide cover during cleaning
- b. Make sure the Waveguide cover installation right and no damage during cooking

Control panel



Function and operation method

CAUTION

The LED flashes 3 times when plugged in power supply. Then it flashes “:”, prompting you to input the cooking menu and time.

1. Auto reminder

When your preset cooking procedure have finished, the LED display will show **End** and three beeps sound will be heard to prompt you to take out food. If you do not press **Pause/Cancel** button once or open the door, the beep will be sounded at an interval of 3 minutes.

2. Clock setting

Preset/Clock/Defrost button make it available for you to input current or preset time when “:” flashes onto LED display after plugged in, or try to skip it over to continue if unnecessary.

Example: to set 12:30		
	Steps	Display
1	After power-up, the colon flashes	:
2	Hold Preset/Clock/Defrost button three seconds	0:00
3	Turn Auto Cooking/Time. Weight knob to set exact hours.	12:00
4	Press Preset/Clock/Defrost button once again.	12:00
5	Turn Auto Cooking/Time. Weight knob to set exact minutes.	12:30
6	Press Preset/Clock/Defrost button once again or wait for 5 seconds, and the numbers will go steadily.	

3. Microwave cooking

This function is used for cooking and heating food. Press **Micro Power** button, LED cycles to show 100P—80P—60P—40P—20P

High power	100% microwave power. Applicable for quick and thorough cooking
Medium High power	80% microwave power. Applicable for medium express cooking
Medium power	60% microwave power. Applicable for steaming food
Medium Low power	40% microwave power. Applicable for defrosting food
Low power	20% microwave power. Applicable for keeping warm

CAUTION

- The max time which can be set is 60 minutes
- Never operate the oven empty.
- Never use the grill rack during microwave cooking.
- If you turn the food during operation, press the **Instant/Start** button once and the preset cooking procedure will continue.
- At the maximum microwave power, the oven will automatically lower the power after a certain time of cooking to lengthen the service life.
- If you intend to remove the food before the preset time, you must press **Pause/Cancel** button to clear the preset procedure to avoid unintended operation of next time use.

Example: To cook at P80 for 10 minutes.		
Steps		Display
1	After power-up, the colon flashes	:
2	Select the desired microwave power by pressing Micro Power button consecutively	80P
3	Set cooking time by turning Auto Cooking /Time. Weight knob	10:00
4	Press Instant/Start button and LED will count down to show running time.	

CAUTION

You may change the cooking time during cooking. And it is recommended turning the food halfway, after you turn the food. Press **Instant/Start** button once to continue.

4. Defrost

This function use for defrost food. Press the **Preset/Clock/Defrost** button and the LED display will cycle to show d.1 d.2 d.3.

d.1	For defrosting meat, the weight range from 0.1 to 2.0 kg.
d.2	For defrosting poultry, the weight range from 0.2 to 3.0kg.
d.3	For defrosting seafood, the weight range from 0.1 to 0.9kg.

CAUTION

- It is necessary to turn over the food during operation to obtain uniform effect.
- Usually defrosting will need longer time than that of cooking the food.
- If the food can be cut by knife, the defrosting process can be considered completed.
- Microwave penetrates around 4cm into most food
- Defrosted food should be consumed as soon as possible, it is not advised to put back to fridge and freeze again

Example: To defrost 0.4kg poultry		
	Steps	Display
1	After power-up, the colon flashes	:
2	Press Preset/Clock/Defrost button to set the food kind.	d.2
3	Turn Auto Cooking /Time. Weight knob to set the defrost weight	0.4
4	Start cooking by pressing Instant/Start button	5:16
5	In half way during defrosting 3 beep sound will be heard two times to prompt you turn over the food. Open the door and turn over the food. Then close the door. Press Instant/Start button again to continue defrosting	

5. Auto cooking

The oven has default cooking menu for simple operation. When the LED flash colon, turn the knob in a anticlockwise direction and LED will cycle to show A.1, A.2 A.12. After setting auto cooking menu, pressing **Enter** button is available to set the cooking weight. Choose the appropriate menu according to the food type and weight and strictly observe the directions in below table, otherwise the cooking effect will be largely influenced.

Display	Kind	Weight
A.1	Popcorn	All together there are two choices (3.0Oz and 3.5Oz)
A.2	Potato	All together there are two choices (0.45Kg and 0.65Kg)
A.3	Vegetable	All together there are five choices (0.1 0.2-----0.5Kg)
A.4	Meat	All together there are six choices (0.2 0.3-----0.7Kg)
A.5	Fish	All together there are six choices (0.2 0.3-----0.7Kg)
A.6	Chicken	All together there are six choices (0.2 0.3-----0.7Kg)
A.7	Reheat	All together there are five choices (0.2 0.4-----1.0Kg)
A.8	Beverage	All together there are two choices (250ML and 500ML)
A.9	Rice	All together there are five choices (0.1 0.2-----0.5Kg)
A.10	Pasta	All together there are five choices (0.1 0.2-----0.5Kg)
A.11	Bread	All together there are five choices (0.1 0.2-----0.5Kg)
A.12	Pizza	All together there are two choices (1 share and 2 share)

CAUTION

- In standby state, turn the knob in anticlockwise direction firstly to enter setting auto cooking state, if the knob is turned in clockwise direction firstly, it will enter time setting, and its default model is 100% micro power.
- The temperature of food before cooking would be 20-25°C. Higher or lower temperature of the food before cooking would require increase or decrease of cooking time.
- The temperature, weight and shape of food will largely influence the cooking effect. If any deviation has been found to the factor noted on above menu, you can adjust the cooking time for best result.

Example: Steam 0.4kg fish	
Steps	Display
1. After power-up, the colon flashes	:
2. Turn the knob in anticlockwise to set the desired cooking menu	A.5
3. Press Enter button to affirm	A.5
4. Turn Auto Cooking /Time. Weight knob to set the weight	0.4
5. Start cooking by pressing Instant/Start button	10:00

6. Automatic starting (delayed function)

If you do not want the menu be started immediately, you can preset the cooking menu and time and the preset menu will be automatically started at your set time. The setting will consist of 2 steps:

- Setting the current Clock;
- Setting the cooking menu and time.

Example: Now it is 12:30 Clock, if you hope that the microwave oven will automatically start cooking with 100P microwave power for 9 minutes and 30 seconds at 14:20		
	Steps	Display
1	After power-up, the colon flashes	:
1.1	Hold Preset/Clock/Defrost button three seconds	0:00
1.2	Set hours by turning Auto Cooking/Time. Weight knob	12:00
1.3	Press Preset/Clock/Defrost button again to confirm hours	12:00
1.4	Set minutes by turning Auto Cooking/Time. Weight knob	12:30
1.5	Press Preset/Clock/Defrost button once or waiting for 5 seconds, and the numbers will go steady.	12:30
2	Set the cooking menu and time	
2.1	Select cooking power by pressing Micro Power button	100P
2.2	Turn Auto Cooking/Time. Weight knob to set cooking time	9:30
2.3	Press and hold Preset/Clock/Defrost button for 3 seconds to return to current Clock.	
3	Set the time you expect to start. Repeat the steps of 1.2, 1.3, 1.4	
4	Press Preset/Clock/Defrost button to confirm the delayed menu. Now the program has been activated. And the menu will be started at 14:20.	
5	You may check the preset starting time by pressing Preset/Clock/Defrost button.	

7. Multi-sequence cooking

To obtain best cooking result, some recipes call for different cook mode and time. You may program your personalized menu as follow:

Example: You want cook food with 100P microwave for 3 minutes then 20P for 9 minutes. This is 2 sequence setting.		
	Steps	Display
1	100P microwave for 3min	
1.1	Press Micro power button to select power level.	100P
1.2	Turn Auto Cooking/Time. Weight knob to set cooking time.	3:00
2	20P for 9min	
2.1	Press Micro Power button to select desired power level	20P
2.2	Turn Auto Cooking/Time. Weight t knob to set cooking time.	9:00
3	Start cooking by pressing Intant.Start button	

CAUTION

- When microwave 100 power cooking is finished, microwave oven will begin next operation automatically.
- Max 4 sequences can be set per time, repeat the steps

8. Child lock function

Use this feature to lock the control panel when you are cleaning or so that children can not use the oven unsupervised. All the buttons are rendered inoperable in this mode.

- To set child lock, press and hold **Pause/Cancel** button about for 3 seconds.
- To cancel child lock, press and hold **Pause/Cancel** button about for 3 seconds.

Utensils guideline

It is strongly recommended to use the containers which are suitable and safe for microwave cooking. Generally speaking, the containers which are made of heat-resistant ceramic, glass or plastic are suitable for microwave cooking. Never use the metal containers for microwave cooking and combination cooking as spark is likely to occur. You can take the reference of below table.

Material of container	Microwave	Notes
Ceramic	Yes	Never use the ceramics which are decorated with metal rim or glazed
Heat-resistant plastic	Yes	Can not be used for long time microwave cooking
Heat-resistant glass	Yes	
Grill rack	No	
Plastic film	Yes	It should not be used when cooking meat or chops as the over temperature may do damage to the film

Cooking tips

The following factors may affect the cooking result:

Food arrangement

Place thicker areas towards outside of dish, the thinner part towards the centre and spread it evenly. Do not overlap if possible.

Cooking time length

Start cooking with a short time setting, evaluate it after it times out and extend it according to the actual need. Over cooking may result in smoke and burns.

Cooking food evenly

Food such as chicken, hamburger or steak should be turned once during cooking. Depending on the type of food, if applicable, stir it from outside to centre of dish once or twice during cooking

Allow standing time

After cooking times out, leave the food in the oven for an adequate length of time, this allows it to complete its cooking cycle and cooling it down in a gradual manner

Whether the food is done

Color and hardness of food help to determine if it is done, these include:

- Steam coming out from all parts of food, not just the edge
- Joints of poultry can be moved easily
- Pork or poultry shows no signs of blood
- Fish is opaque and can be sliced easily with a fork

Browning dish

When using a browning dish or self-heating container, always place a heat-resistant insulator such as a porcelain plate under it to prevent damage to the turntable and

rotating ring.

Microwave safe plastic wrap

When cooking food with high fat content, do not allow the plastic wrap come into contact with food as it may melt

Microwave safe plastic cookware

Some microwave safe plastic cookware might not be suitable for cooking foods with high fat and sugar content. Also, the preheating time specified in the dish instruction manual must not be exceeded

Maintenance

Servicing

Please check the following before calling for services.

1. Place one cup of water (approx.150ml) in a glass measure in the oven and close the door securely. Oven lamp should go off if the door is closed properly. Let the oven work for 1 min.
2. Does the oven lamp light?
3. Does the cooling fan work?
(Put your hand over the rear ventilation openings.)
4. Does the turntable rotate?
(The turntable can rotate clockwise or counter clockwise. This is quite normal.)
5. Is the water inside the oven hot?

If “NO” is the answer to any of the above questions, please check your wall socket and the fuse in your meter box.

If both the wall socket and the fuse are functioning properly, CONTACT YOUR NEAREST SERVICE CENTER APPROVED.

Servicing safeguards

Caution: MICROWAVE RADIATION

WARNING: The high voltage capacitor remains charge after disconnection; short the negative terminal of H. V capacitor to the oven chassis (use a screwdriver) to discharge before touching.

WARNING: During servicing below listed parts are liable to be removed and give access to potentials above 250V to earth.

1. Magnetron
2. High voltage transformer
3. High voltage capacitor
4. High voltage diode
5. High voltage fuse

WARNING: The following conditions may cause undue microwave exposure during servicing.

Improper fitting of magnetron;
Improper matching of door interlock, door hinge and door;
Improper fitting of switch support;
Door, door seal or enclosure has been damaged.

Important precautions

Please read carefully all these instructions

This appliance is not intended to be put in operation using an external timer or an external remote control system.

This appliance is not aimed to be used by persons (including children) whose physical, sensitive or mental abilities are reduced, or who don't have knowledge or experience of its use, unless they have been previously instructed about the use of this appliance, or are under surveillance of someone responsible for their safety.

This appliance can be used by children from 8 years old and the people with little experience or knowledge or whose physical, sensorial or mental abilities are reduced, if they have been trained and supervised regarding the safe use of this appliance and are aware of the risks. Children should not play with this appliance. The cleaning and maintenance by the user should not be made by children unless they are over 8 years old and under supervision.

Keep this appliance and the power cord away from children under 8 years old.

Your appliance was intended for domestic use only. It was not designed to be used in the following cases which are not covered by the warranty: -

- In kitchen spaces for the staff in shops, offices and other work environment,
- In farm houses
- By the guests in hotels, motels and other residential type environments,
- In environments such as Bed & Breakfasts.

If the power cable is damaged, it must be replaced by the producer, its support service center or persons with similar qualification so as to prevent any risk.

Service and support

For information: <http://www.ices-electronics.com/>

For support: <http://icessupport.zendesk.com>

ICES helpdesk:

Germany	0900-1520530	(Local charges)
The Netherlands	0900-23553626	(Local charges + 1ct P/min)
Belgium	02-6200115	(Local charges)
France	0170480005	(Local charges)

The helpdesk is accessible from Monday to Friday from 9 AM till 6 PM.

In case your device needs repair, our helpdesk will redirect you to your local dealer.

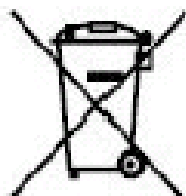
ICES offers service and warranty in accordance to European law, which means that in case of repair (both during and after the warranty period), you should contact your local dealer.

Please note: It is not possible to send products directly to ICES for repair.

Important note: If this unit will be opened, or accessed in any way by a non-official service center, the warranty expires immediately.



Products with the CE marking comply with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) issued by the Commission of the European Community.



This symbol indicates that the relevant electrical product or battery should not be disposed of as general household waste in Europe. To ensure the correct waste treatment of the product and battery, please dispose them in accordance to any applicable local laws of requirement for disposal of electrical equipment or batteries. In so doing, you will help to conserve natural resources and improve standards of environmental protection in treatment and disposal of electrical waste (Waste Electrical and Electronic Equipment Directive).

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